BLAUPUNKT CHANGER

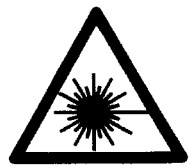
IDC A09
7 607 769 100

IDC A09 Fiat
7 607 769 150

8 622 402 331 BN-WG 01/00

Schaltbild • Circuit diagram

CLASS 1
LASER PRODUCT



UNSICHTBARE LASERSTRAHLUNG
NICHT DEM STRAHL AUSSETZEN
LASERKLASSE 3B

(D) VORSICHT!

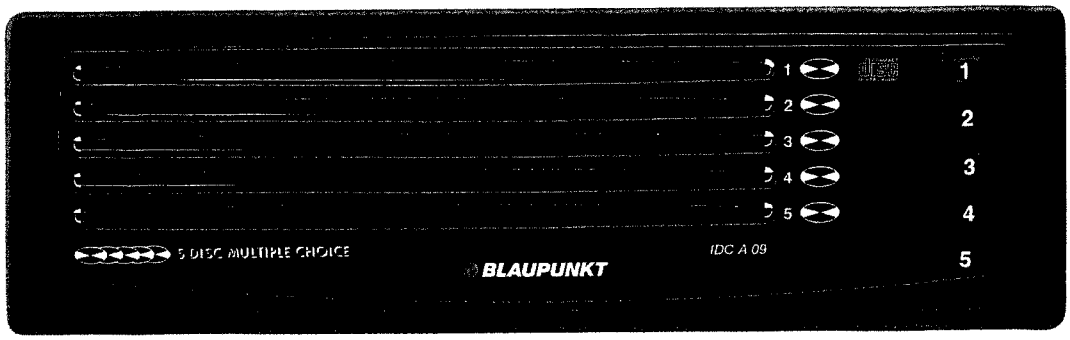
Das Gerät beinhaltet eine Laserkomponente! Im Servicefall nachfolgende Hinweise beachten:

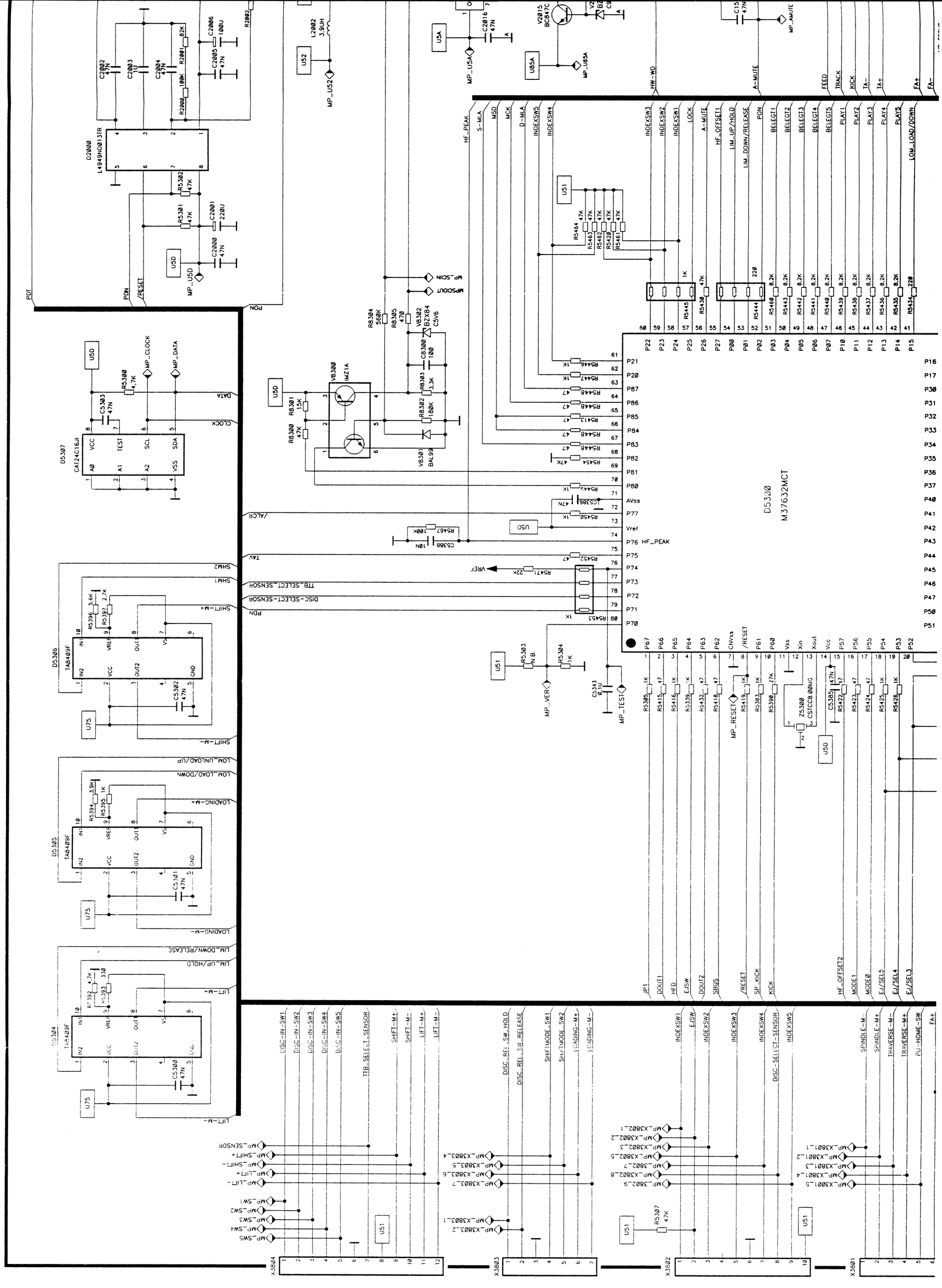
- Das Gerät arbeitet mit unsichtbarem Laserstrahl. Bei geöffnetem Gerät tritt im Bereich des Plattenfaches Laserstrahlung aus.
- Nicht in den Strahl blicken.
- Unbeteiligte Personen vom Arbeitsplatz fernhalten.
- Der Betrachtungsabstand darf 13cm nicht unterschreiten. Kann dies nicht eingehalten werden, muß eine geeignete Laserschutzbrille getragen werden.

(GB) CAUTION!

This unit contains a laser component! For service observe the following important instructions:

- The unit operates with an invisible laser beam. When the cover is removed, near the disc compartment, invisible laser beams are apparent.
- Avoid direct eye contact with these beams.
- Keep other people away from the working place.
- The viewing distance should not be less than 13cm. If this distance cannot be ensured, use suitable laser safety goggles.

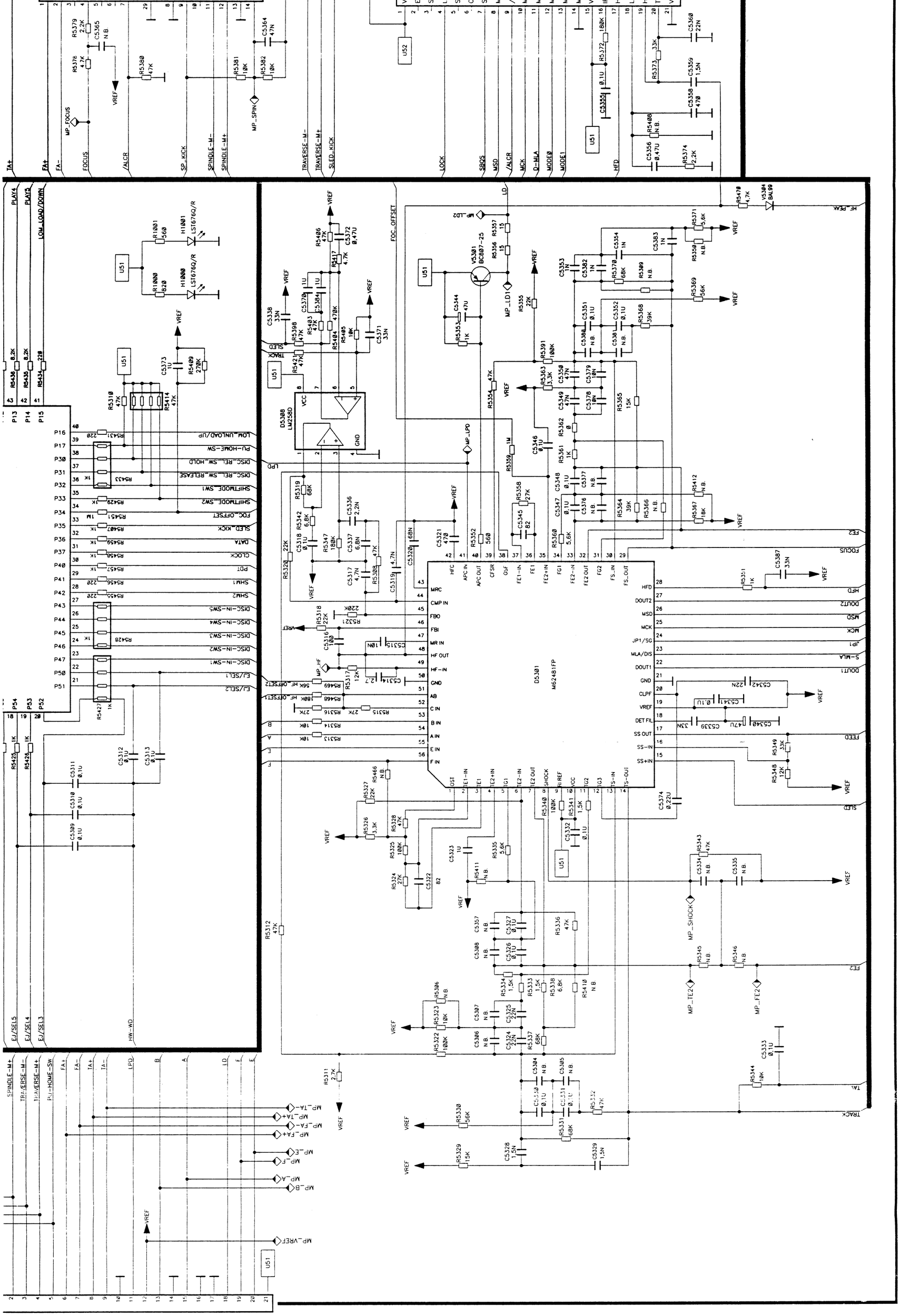



D5300
M37632MCT
D52000
L4949ND013JR
D5307
CAT24C16JI
D5306
TA84409F
D5305
D5304
U51
U52
U5A
U5D
U75
U85A
X3804
X3803
X3802
X3801
PDT
PON
/RESET
MP_U5D
MP_U52
MP_U5A
MP_U85A
MP_CLOCK
MP_DATA
MP_SCLIN
MP_SCLOUT
MP_VER
MP_TEST
MP_RESET
MP_AMUTE
HW-WD
A-MUTE
HF_PEAK
S-MLA
MSD
MCK
D-MLA
INDEXSW5
INDEXSW4
INDEXSW3
INDEXSW2
INDEXSW1
LOCK
HF_OFFSET1
LIM_UP/HOLD
LIM_DOWN/RELEASE
PON
BELEGT1
BELEGT2
BELEGT3
BELEGT4
BELEGT5
PLAY1
PLAY2
PLAY3
PLAY4
PLAY5
LOW_LOAD/DOWN
FEED
TRACK
KICK
TA-
TA+
FA+
FA-
/ALCR
TAV
VREF
SHIFT-M+
SHIFT-M-
LIFT-M+
LIFT-M-
LOADING-M+
LOADING-M-
TTB_SELECT_SENSOR
DISC_SELECT_SENSOR
SHM1
SHM2
DISC-IN-SW1
DISC-IN-SW2
DISC-IN-SW3
DISC-IN-SW4
DISC-IN-SW5
DISC_REL_SW_HOLD
DISC_REL_SW_RELEASE
SHIFTMODE_SW1
SHIFTMODE_SW2
SPINDLE-M-
SPINDLE-M+
TRAVERSE-M-
TRAVERSE-M+
PU-HOME-SW
MP_SEN SOR
MP_SHIFT+
MP_SHIFT-
MP_LIFT+
MP_LIFT-
MP_SW1
MP_SW2
MP_SW3
MP_SW4
MP_SW5
JP1
DOUT1
HFD
EJSW
DOUT2
SBQS
/RESET
SP_KICK
KICK
HF_OFFSET2
MODE1
MODE0
FE/SEL5
FE/SEL4
FE/SEL3

PL 3122 D5

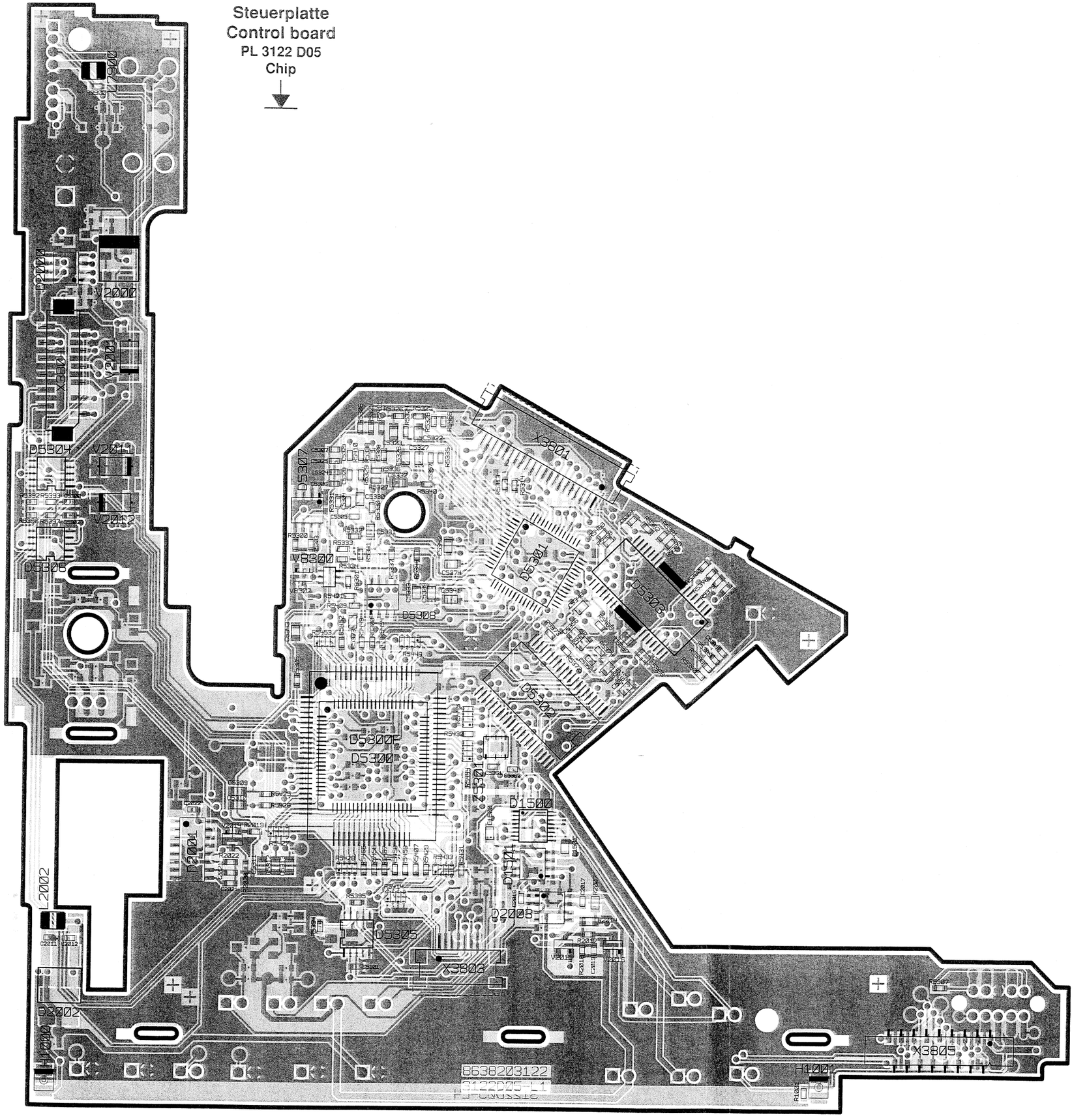
STEUERPLATTE
CONTROL BOARD

PDT
PDN
/RESET
PON
LOCK
ATA
U5D
MP_U5D
R5301 47K
R5302 47K
C2000 47N
C2001 220U
D2000
L4949ND013TR
C2002 47N
C2003 1U
C2004 47N
R2000 100K
R2001 82K
C2005 47N
C2006 100U
R2002 1M
MP_UIN
V2001
RLR4001
C2007 47N
C2008 2200U
V2004
DTC144VKA
47k
10k
R2006 27K
U14G
MP_U14G
V2003
BC847C
R2003 47K
R2004 2,7K
C2009 47N
R2005 100K
V2010
DTA143ZKA
4,7K
47k
U14D
L2000 360UH
MP_UBAT1
MP_UBAT2
V5300
BAL99
MP_PON
U52
MP_U52
L2002 3,9UH
U51
MP_U51
C2010 220U
C2011 47N
D2002
MC78M05BDT
GND
MP_U75
U75
C2012 47N
C2013 220U
V2008
2SC3420
V2007
BC857C
R2012 47K
R2008 1K
R2009 1K
R2010 1K
R2011 560K
V2009
BZX84
C8V2
C2014 47N
V2006
DTC114EKA
10k
10k
R2013 4,7K
R2016 47K
U14C
V5305
BAL99
R2315
C2315 47U
R8304 560K
R8305 470
V8302
BZX84
C5V6
MPSCOUT
MP_SCIN
U5A
MP_U5A
D2003
MC78L05ABD
OUT
IN
C2016 47N
C2017 47N
C2018 100U
R2007 82
U85A
MP_U85A
V2015
BC847C
R2017 1K
R2018 560K
C2019 47N
C2020 100U
V2016
BZX84
C9V1
R2014 82
V2013
BAL99
D2001
PC74HC4060
CTC
RTC
RS
MR
GND
Q13
Q12
Q11
VCC
C2021 47N
R2021 22K
R2022 47K
C2022 47N
MP_Q13
R2023 12K
V2002
DTA124EKA
22k
22k
U5D
R2019 22K
V2014
DTA124EKA
22k
22k
MP_MR
R2020 47K
U5A
C1517 47N
V1500
DTA143ZKA
47k
4,7k
MP_AMUTE
A-MUTE
HW-WD
U14G
C7902 0,1U
C7903 1N
C7900 100
C7901 100
L7900 180UH
R7900 NB
C7905 1N
C7904 0,1U
V2000
3,3G
MP_GND2
MP_GND1
X3800
BUS1 (TXD)
BUS2 (RXD)
14V DAUER
14V GESCH
MASSE
AUDIO MASSE
AUDIO LINKS
AUDIO RECHTS
BBB-PH-K
MP_AFL
MP_AFG
MP_AFR
HF_PEAK
S-MLA
MSD
MCK
D-MLA
INDEXSW5
INDEXSW4
INDEXSW3
INDEXSW2
INDEXSW1
LOCK
A-MUTE
HF_OFFSET1
LIM_UP/HOLD
LIM_DOWN/RELEASE
PON
BELEGT1
BELEGT2
BELEGT3
BELEGT4
BELEGT5
PLAY1
PLAY2
PLAY3
PLAY4
PLAY5
LOM_LOAD/DOWN
U51
R5464 47K
R5463 47K
R5462 47K
R5420 47K
R5461 47K
R5445 1K
R5430 47K
R5444 220
R5460 8,2K
R5443 8,2K
R5442 8,2K
R5441 8,2K
R5440 8,2K
R5439 8,2K
R5438 8,2K
R5437 8,2K
R5436 8,2K
R5435 8,2K
R5434 220
FEED
TRACK
KICK
TA-
TA+
FA+
FA-
D5303
BA6398FP-E2
FA+
FA-
GND
TA+
VREF
C5369

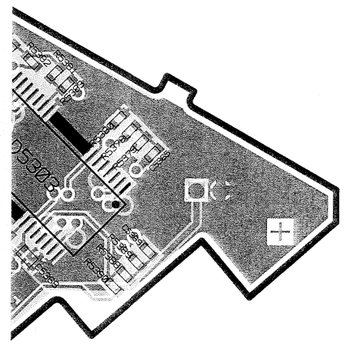

IA+
FA+
FA-
FOCUS
MP_FOCUS
VREF
/ALCR
SP_KICK
SPINDLE-M-
SPINDLE-M+
MP_SPIN
TRAVERSE-M-
TRAVERSE-M+
SLED_KICK
LOCK
SBOS
MSD
/ALCR
MCK
D-MLA
MODE0
MODE1
HFD
U52
U51
R5379 2.2K
R5378 4.7K
C5365 N.B.
R5360 47K
R5381 10K
R5382 10K
C5364 47N
R5372 180K
C5355 0.1U
C5360 22N
R5373 33K
C5359 1.5N
C5358 470
R5408 N.B.
C5356 0.47U
R5374 2.2K
PLAY4
PLAY3
LOW_LOAD/DOWN
R1001 560
H1001 LST676Q/R
R1000 820
H1000 LST676Q/R
R5436 8.2K
R5435 8.2K
R5434 220
R5418 47K
R5414 47K
C5373 1U
R5409 270K
P13
P14
P15
P16
P17
P30
P31
P32
P33
P34
P35
P36
P37
P40
P41
P42
P43
P44
P45
P46
P47
P50
P51
LOW_UNLOAD/UP
PU-HOME-SW
DISC_REL_SW_HOLD
DISC_REL_SW_RELEASE
SHIFTMODE_SW1
SHIFTMODE_SW2
FOC_OFFSET
SLED_KICK
DATA
CLOCK
PDT
SHM1
SHM2
DISC-IN-SW5
DISC-IN-SW4
DISC-IN-SW3
DISC-IN-SW2
DISC-IN-SW1
EJ/SEL1
EJ/SEL2
R5431 220
R5433 1K
R5429 1K
R5451 1M
R5407 1K
R5459 1K
R5458 1K
R5457 1K
R5456 220
R5455 220
R5428 1K
R5422 1K
R5425 1K
R5426 1K
C5312 0.1U
C5311 0.1U
C5310 0.1U
C5309 0.1U
C5313 0.1U
EJ/SEL5
EJ/SEL4
EJ/SEL3
HW-WD
SPINDLE-M+
TRAVERSE-M-
TRAVERSE-M+
PU-HOME-SW
FA+
FA-
IA+
IA-
LPD
B
A
LD
F
E
MP_TA-
MP_TA+
MP_FA-
MP_FA+
MP_E
MP_F
MP_A
MP_B
MP_VREF
U51
FOC_OFFSET
MP_LD2
LD
HF_PEAK
V5304 BAL99
R5470 4.7K
V5301 BC807-25
R5356 15
R5357 15
MP_LD1
R5355 22K
C5344 47U
R5353 1K
R5371 5.6K
R5350 N.B.
C5354 1N
C5383 1N
C5353 1N
C5382 1N
R5370 68K
R5389 N.B.
R5369 56K
C5351 0.1U
C5352 0.1U
R5368 39K
C5390 N.B.
C5380 N.B.
R5391 100K
R5363 3.3K
C5350 47N
C5379 18N
C5349 47N
C5378 18N
R5365 15K
R5354 47K
R5362 0
C5346 0.1U
R5361 1K
R5359 1M
C5348 0.1U
C5377 N.B.
R5358 27K
C5345 82
C5347 0.1U
C5376 N.B.
R5364 39K
R5366 N.B.
R5360 5.6K
R5412 N.B.
R5367 18K
FE2
FOCUS
R5406 47K
R5417 4.7K
C5372 0.47U
C5370 1U
C5384 1U
R5403 47K
R5404 470K
R5405 10K
C5371 33N
C5338 33N
R5398 47K
SLED
TRACK
R5421 47K
D5308 LM2586D
VCC
GND
R5319 68K
R5342 6.8K
C5318 0.1U
R5347 180K
C5336 2.2N
C5337 6.8N
R5308 47K
C5317 4.7N
C5319 4.7N
C5320 68N
R5320 22K
C5321 470
R5352 560
R5318 22K
R5321 220K
C5316 180
C5315 10N
R5317 12K
C5314 2.7
R5469 56K
R5468 80K
R5316 27K
R5315 27K
R5314 10K
R5313 10K
R5466 N.B.
MRC
CMP IN
FBO
FBI
MR IN
HF OUT
HF-IN
GND
AB
C IN
B IN
A IN
E IN
F IN
HFC
APC IN
APC OUT
CFSR
OSF
FE1-IN
FE1
FE2+IN
FG1
FE2-IN
FE2 OUT
FG2
FS_IN
FS_OUT
D5301
M62481FP
HFD
DOUT2
MSD
MCK
JP1/SQ
MLA/DIS
DOUT1
GND
CLPF
VREF
DET FIL
SS OUT
SS-IN
SS+IN
C5387 3.3N
R5351 1K
C5342 22N
C5341 0.1U
C5339 33N
C5340 47U
FEED
R5349 33K
R5348 12K
C5374 0.22U
OST
TE1-IN
TE1
TE2+IN
TG1
TE2-IN
TE2 OUT
SHOCK
RI REF
VCC
TG2
TG3
TS-IN
TS-OUT
R5340 100K
R5341 1.5K
C5332 0.1U
R5327 22K
R5466 N.B.
R5326 3.3K
R5328 47K
R5325 100K
R5324 22K
C5322 82
C5323 1U
R5335 5.6K
R5411 N.B.
R5334 47K
C5334 N.B.
C5335 N.B.
MP_SHOCK
C5357 N.B.
C5327 0.1U
R5336 47K
C5308 N.B.
C5326 0.1U
R5345 N.B.
R5346 N.B.
FE2
MP_TE2
MP_FE2
R5334 1.5K
R5333 1.5K
R5338 6.8K
R5410 N.B.
R5306 N.B.
C5307 N.B.
C5325 22N
R5323 10K
R5322 100K
C5306 N.B.
C5324 22N
R5337 68K
R5312 47K
R5311 2.7K
C5333 0.1U
R5344 10K
TA
TRACK
C5304 N.B.
C5305 N.B.
C5330 0.1U
C5331 0.1U
R5332 47K
R5330 56K
R5331 68K
R5328 1.5N
R5329 15K
C5329 1.5N
VREF

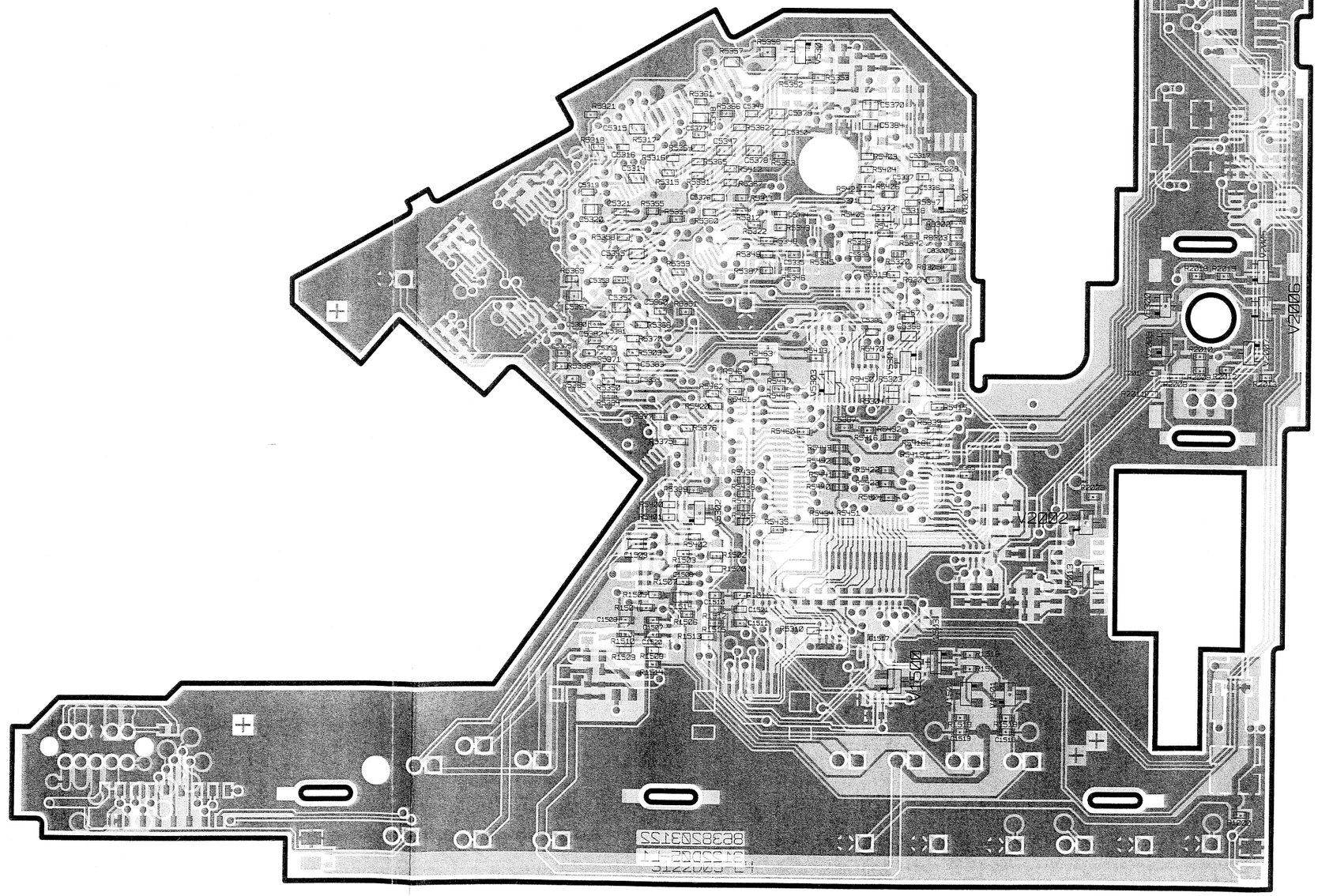
SCHALTERPLATTE
KEY BOARD

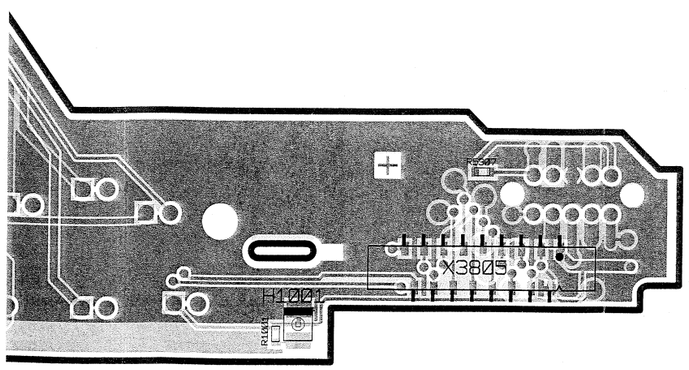
Steuerplatte
Control board
PL 3122 D05
Chip



Steuerplatte
Control board
PL 3122 D05
Chip

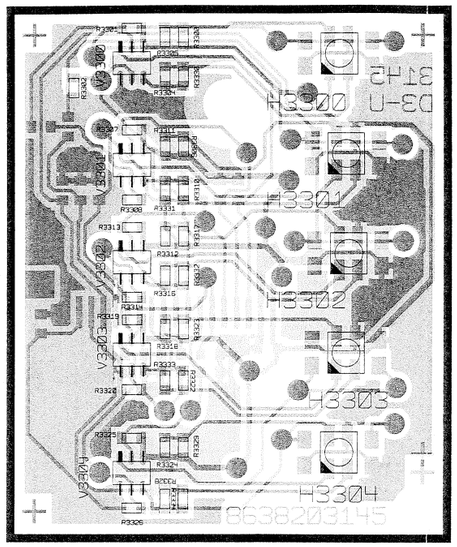






Steuerplatte
Control board
PL 3122 D05

Schalterplatte
Key board
PL 3145 D03
Chip



Schalterplatte
Key board
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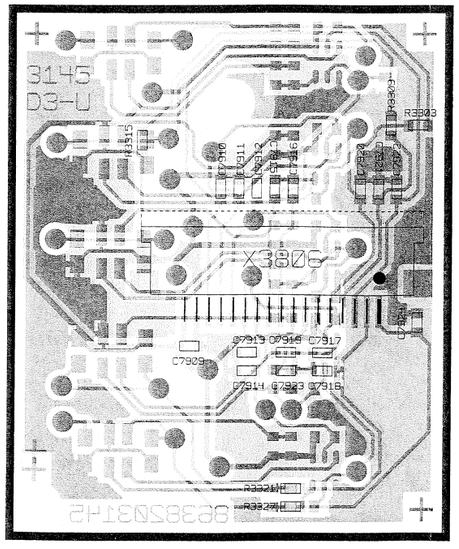
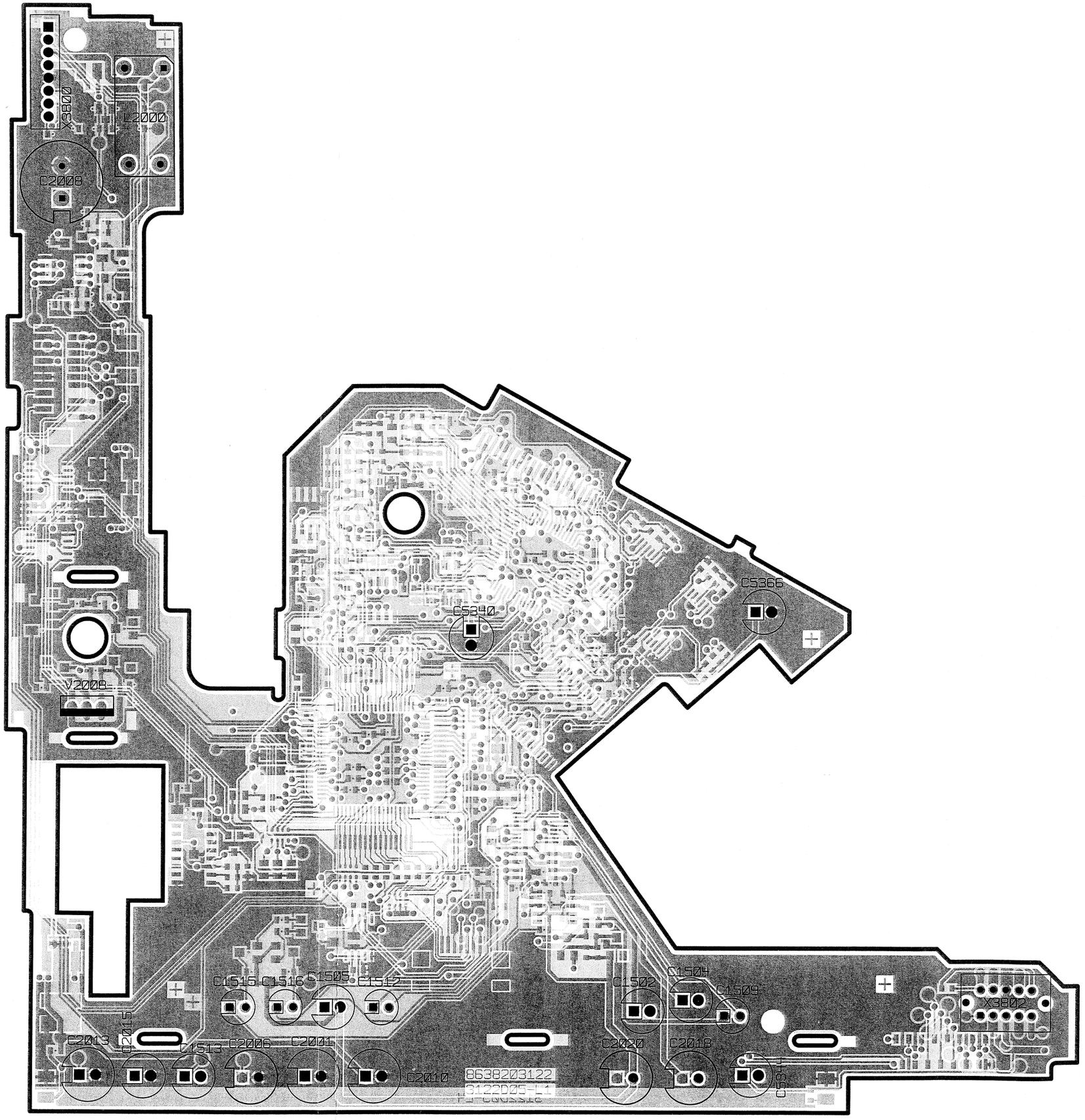
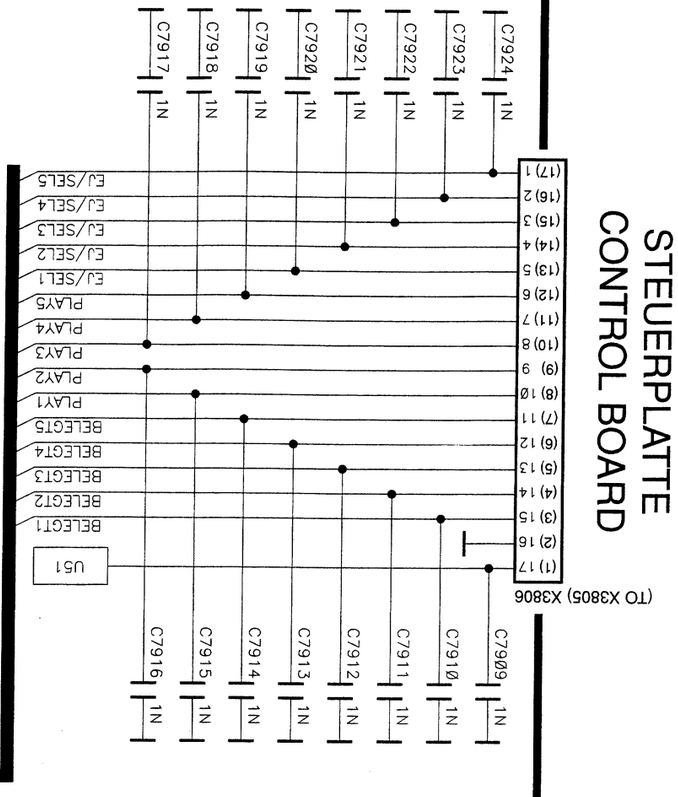
Chip



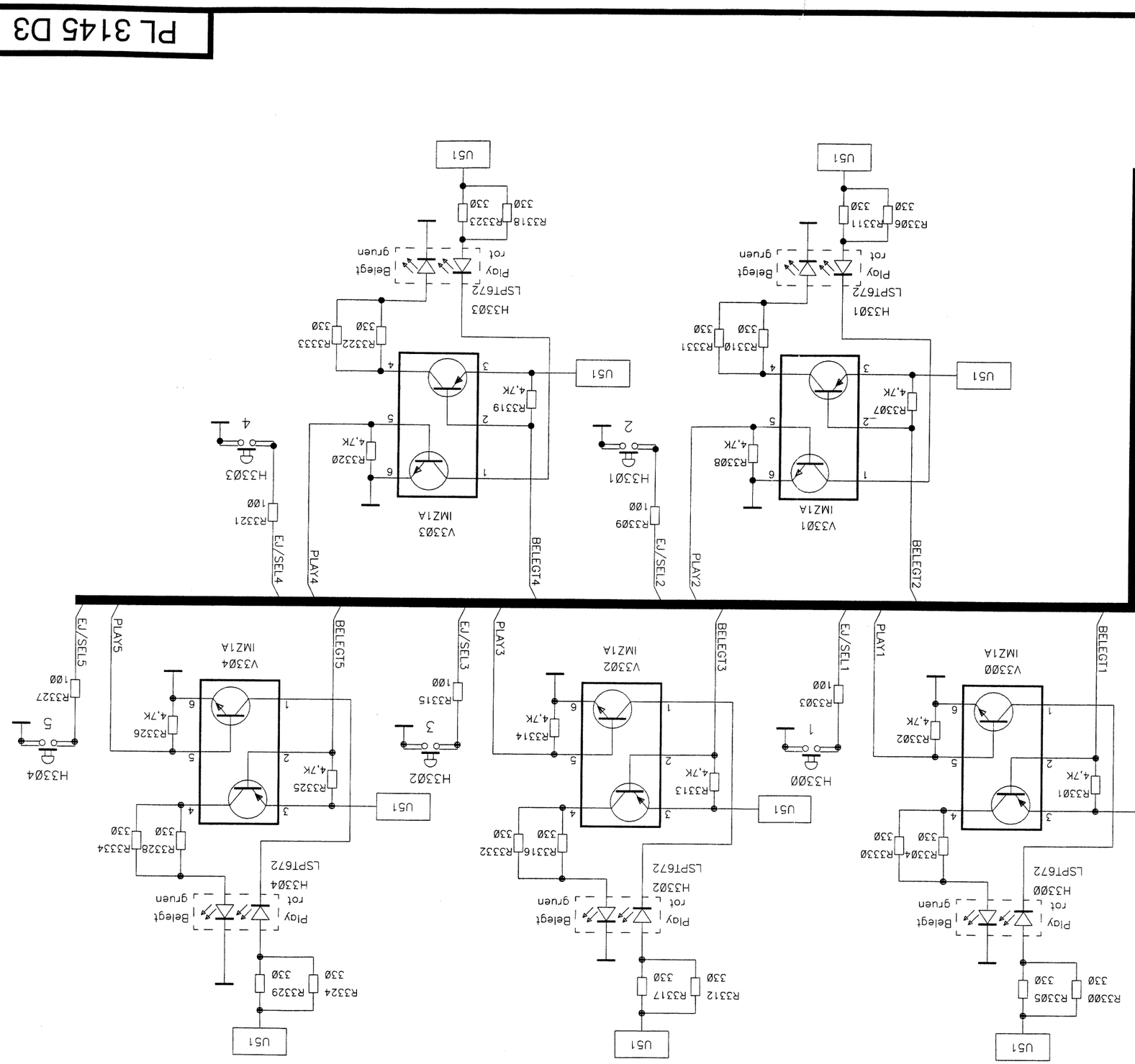


PL 3145 D3

STEUERPLATTE CONTROL BOARD



SCHALTERPLATTE KEY BOARD



Blaupunkt-Werke GmbH, Hildesheim

Gedruckt in Deutschland
Printed in Germany by Oeding Druck
38100 Braunschweig

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Schalterplatte
Key board
PL 3145
Chip